

2009 SOUTHERN PINE BEETLE PHEROMONE TRAPPING RESULTS

South Carolina Forestry Commission

5 June 2009

Severe Outbreak Prediction Trend (1)

<u>County</u>	<u>Trapping Days</u>	<u>#SPB</u>	<u>#Clerids</u>	<u>% SPB</u>	<u>SPB/Day</u>
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No counties in South Carolina are predicted to have a severe outbreak in 2009.

Increasing - High Prediction Trend (2)

<u>County</u>	<u>Trapping Days</u>	<u>#SPB</u>	<u>#Clerids</u>	<u>% SPB</u>	<u>SPB/Day</u>
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No counties in South Carolina are predicted to have an increasing-high trend in 2009.

Static - Moderate Prediction Trend (3)

<u>County</u>	<u>Trapping Days</u>	<u>#SPB</u>	<u>#Clerids</u>	<u>% SPB</u>	<u>SPB/Day</u>
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Abbeville	90	947	1309	42%	10.52
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Declining - Low Prediction Trend (4)

<u>County</u>	<u>Trapping Days</u>	<u>#SPB</u>	<u>#Clerids</u>	<u>% SPB</u>	<u>SPB/Day</u>
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Anderson	63	3	88	3%	0.05
Beaufort	84	1	7	13%	0.01
Berkeley	85	0	4	0%	0.00
Charleston	83	2	29	6%	0.02
Cherokee	84	20	395	5%	0.24
Chester	102	201	761	21%	1.97
Colleton	81	1	54	2%	0.01
Dorchester	81	5	142	3%	0.06
Edgefield	82	461	1136	29%	5.62
Fairfield	81	338	2814	11%	4.17
Georgetown	107	12	227	5%	0.11
Greenville	84	8	583	1%	0.10
Greenwood	77	99	1846	5%	1.29
Hampton	93	0	134	0%	0.00
Horry	141	0	39	0%	0.00
Jasper	105	3	130	2%	0.03
Kershaw	84	41	261	14%	0.49

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Declining - Low Prediction Trend (4) (continued)

<u>County</u>	<u>Trapping Days</u>	<u>#SPB</u>	<u>#Clerids</u>	<u>% SPB</u>	<u>SPB/Day</u>
Lancaster	84	11	434	2%	0.13
Laurens	81	95	361	21%	1.17
Lexington	102	208	727	22%	2.04
McCormick	87	298	1050	22%	3.43
Newberry	84	39	931	4%	0.46
Oconee	87	200	521	28%	2.30
Pickens	87	14	125	10%	0.16
Richland	105	8	563	1%	0.08
Saluda	90	17	711	2%	0.19
Spartanburg	98	13	814	2%	0.13
Union	85	287	1035	22%	3.38
Williamsburg	104	1	45	2%	0.01
York	87	6	206	3%	0.07
State Totals	2,788	3,339	17,482	16%	1.20
Coastal Totals	964	25	811	3%	0.03
Piedmont Totals	1,824	3,314	16,671	16.58%	1.82

Severe Outbreak: High probability for major losses

Increasing - High: Greater than 100% increase from previous year

Static - Moderate: Less than a 50% decline to less than 100% increase from previous year

Declining - Low: Greater than a 50% decline from previous year